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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/602,072	06/24/2003	Shoji Seta	04329.2470-01	1239
22852	7590 11/10/2005		EXAMINER	
FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER			HITESHEW, FELISA CARLA	
LLP 901 NEW YORK AVENUE, NW			ART UNIT	PAPER NUMBER
	WASHINGTON, DC 20001-4413			
			DATE MAILED: 11/10/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

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V 0 -+ 0	Application No.	Applicant(s)					
supplemental	10/602,072	SETA ET AL					
Notice of Allowability	Examiner	Art Unit					
	Felisa C. Hiteshew	1765					
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS therewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R	(OR REMAINS) CLOSED in thi) or other appropriate communic IGHTS. This application is subj	s application. If not includ ation will be mailed in due	ed course. THIS				
1. X This communication is responsive to the application filed of	on June 24, 2003.		7				
2. X The allowed claim(s) is/are 21-40.							
3. $igotimes$ The drawings filed on 24 June 2003 are accepted by the E	xaminer.		•				
 Acknowledgment is made of a claim for foreign priority under the common of the priority documents have the common of the common).					
2. Certified copies of the priority documents have	e been received in Application N	o. <u>09/739,905</u> .	•				
3. Copies of the certified copies of the priority documents have been received in this national stage application from the							
International Bureau (PCT Rule 17.2(a)).	•						
* Certified copies not received:	. •						
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		eply complying with the re	quirements				
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			OTICE OF				
6. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.						
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached							
1) hereto or 2) to Paper No./Mail Date							
(b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date							
identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t	.84(c)) should be written on the d the header according to 37 CFR 1	rawings in the front (not the	e back) of				
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.							
Attachment(s)			*				
1. Notice of References Cited (PTO-892)		nal Patent Application (PT	O-152)				
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Sumr Paper No./Ma						
 Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date <u>attached</u> 							
4. Examiner's Comment Regarding Requirement for Deposit	8. 🛛 Examiner's Sta	tement of Reasons for Allo	owance				
of Biological Material	9.	FELISA HI PRIMARY E	Shew TESHEW EXAMINER				
		Certila	D/765 1				

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Priority

Acknowledgment is made of applicant's claim for foreign priority under 35
 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application No.
 09/739,905, filed on December 20, 2000. *Information Disclosure Statement* The Information Disclosure Statement under 37 C.F.R. 1.97 has been received and reviewed. However, the information disclosure is not deemed to be pertinent over the prior art of record.

Allowable Subject Matter

- 2. Claims 21-40 are allowed.
- 3. The following is an examiner's statement of reasons for allowance: The most relevant prior art of reference is that which was submitted by the applicants. However, it does not teach nor fairly suggest singularly or in any combination thereof a dry etching method, comprising: sequentially laminating a first insulating layer containing carbon and a second insulating layer containing carbon on a substrate; patterning the second insulating layer to form a mask; forming grooves in the first insulating layer by etching the first insulating layer with the second insulating layer used as a mask such that each of the grooves has a side surface and a bottom surface in the first insulating layer; and removing the second insulating layer by use of a reactive gas containing carbon atoms and at least one of the oxygen atoms, hydrogen atoms, and nitrogen atoms.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

FELISA HITESHEW
PRIMARY EXAMINER